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#57 979
PATENT 3/13/03
P53821C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RICHARD G. HYATT JR.

Serial No.: 08/720,070

Examiner: BARRETT, SUZANNE DINO

Filed: 17 September 1996

Art Unit: 3676

For: ELECTROMECHANICAL CYLINDER PLUG

TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

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Sir:

This transmittal letter is accompanied by the Formal Drawing Figures 1 through 22 for the above-captioned application.

Respectfully submitted,

Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Folio: P53821C
Date: 3/3/03
I..D.: REB/kf

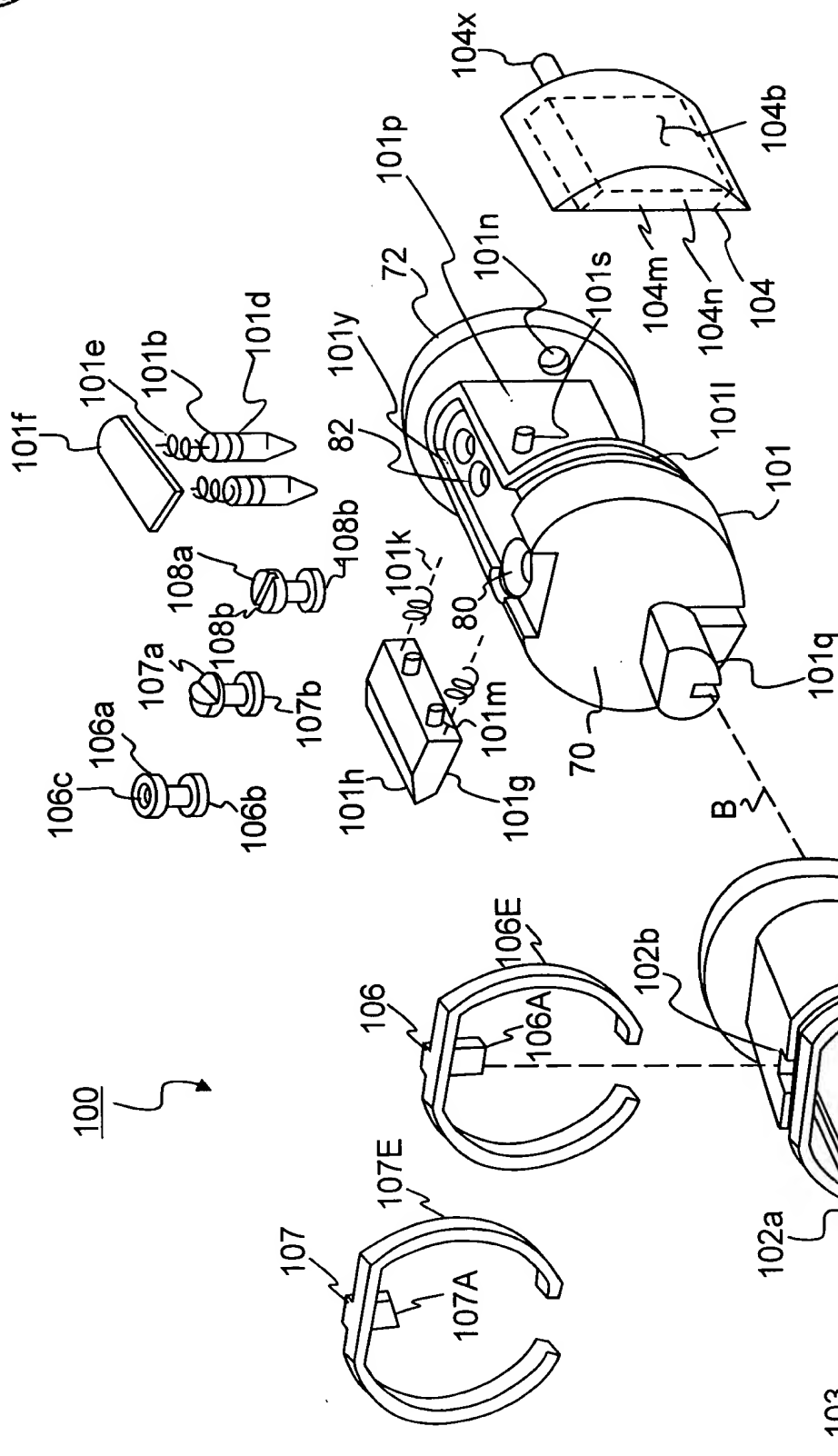


FIG. 1

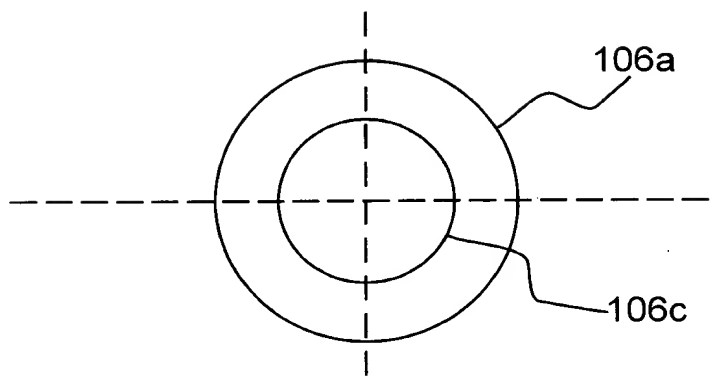


FIG. 2

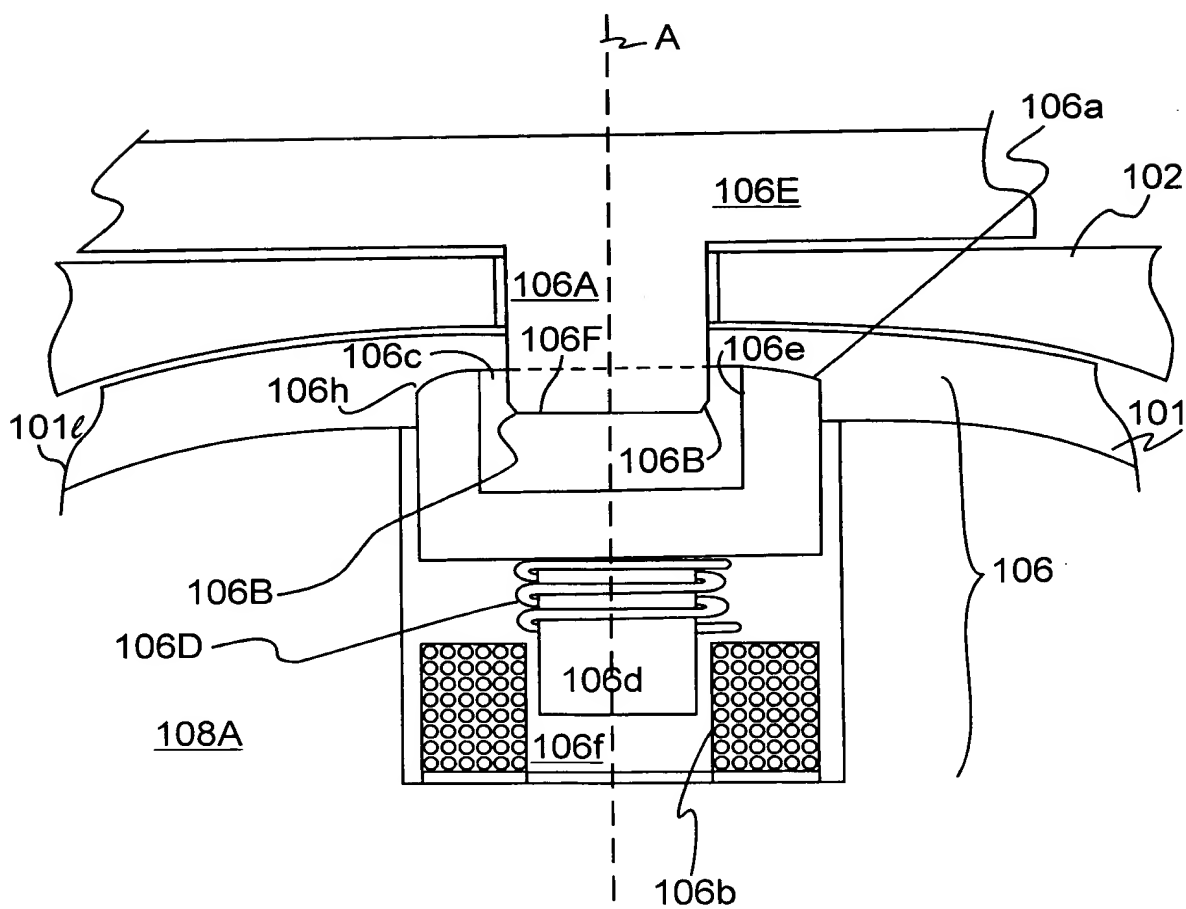


FIG. 3

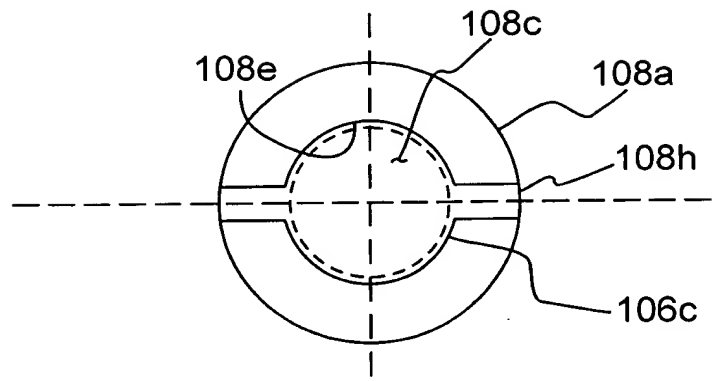
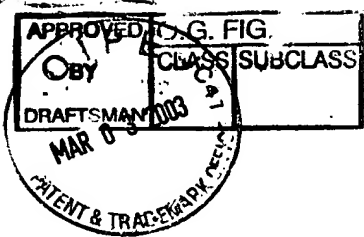


FIG. 4

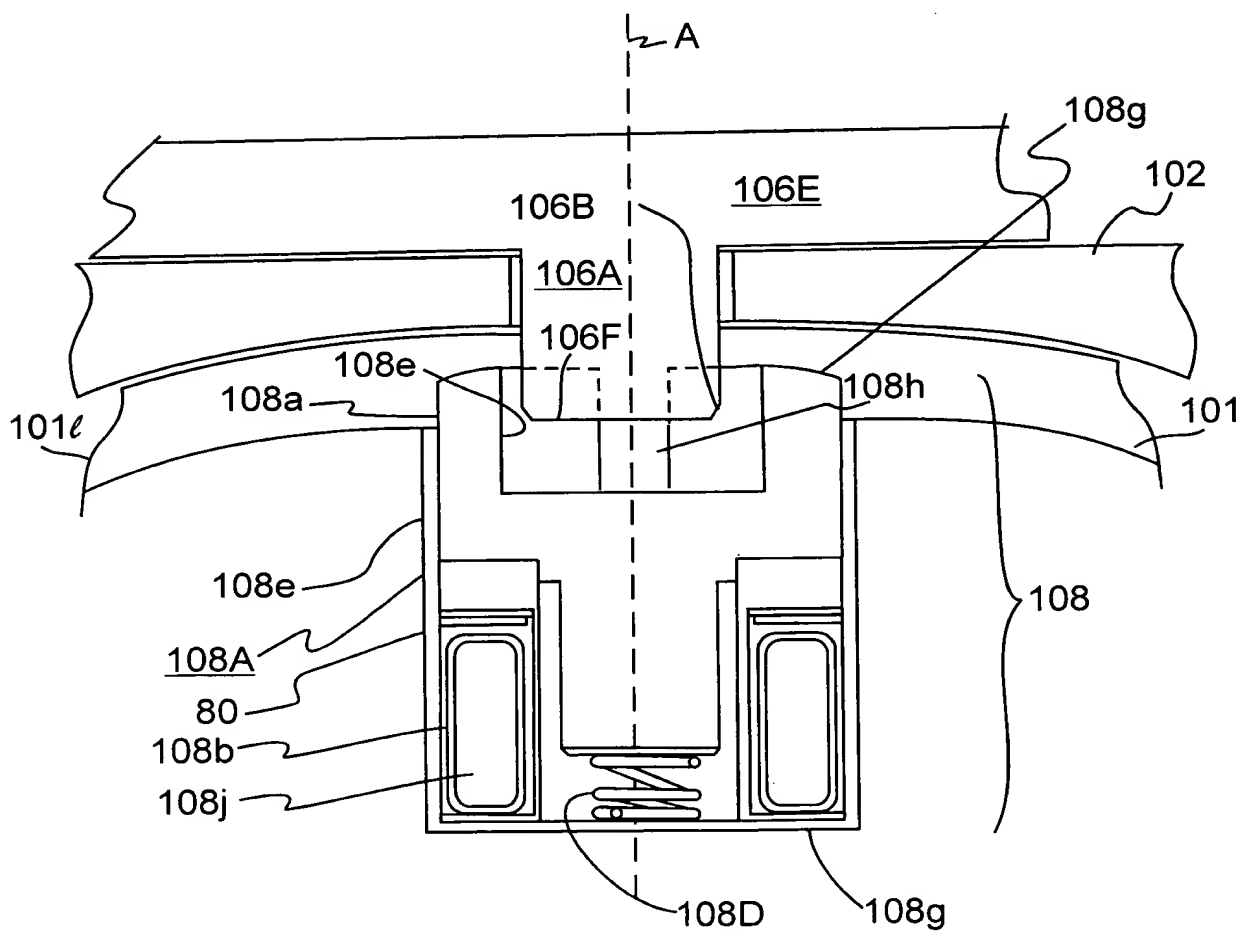


FIG. 5A

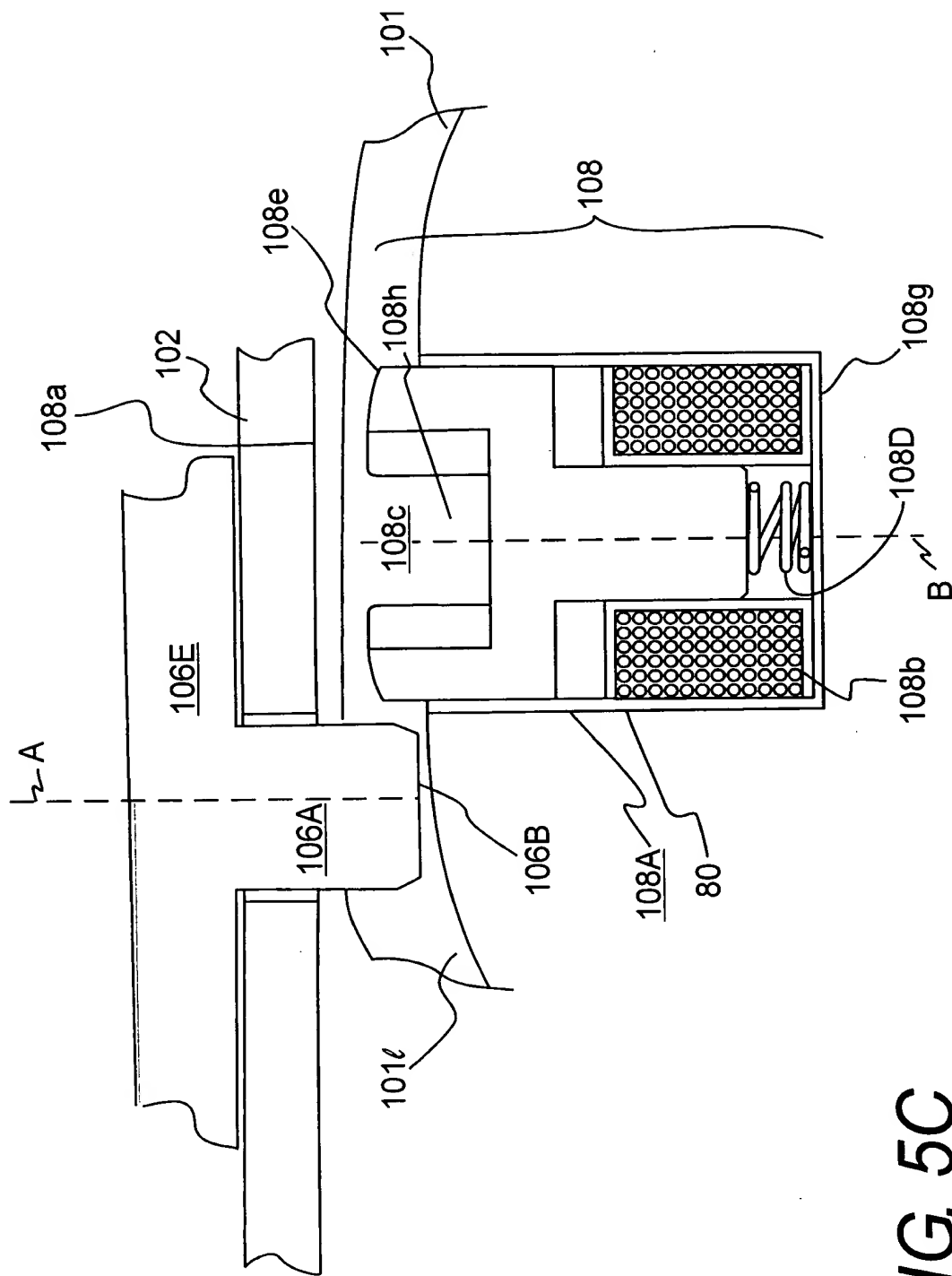


FIG. 5C

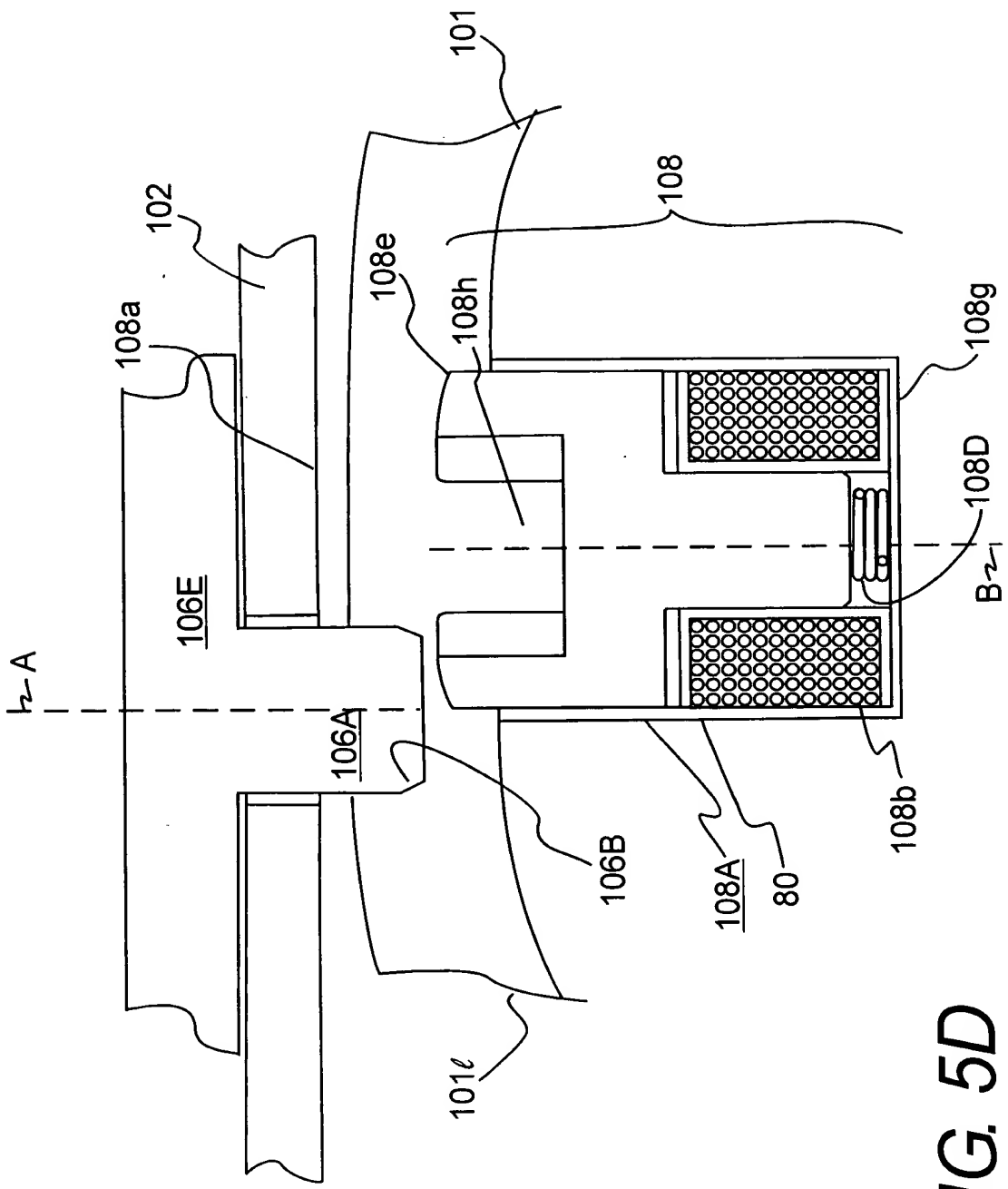
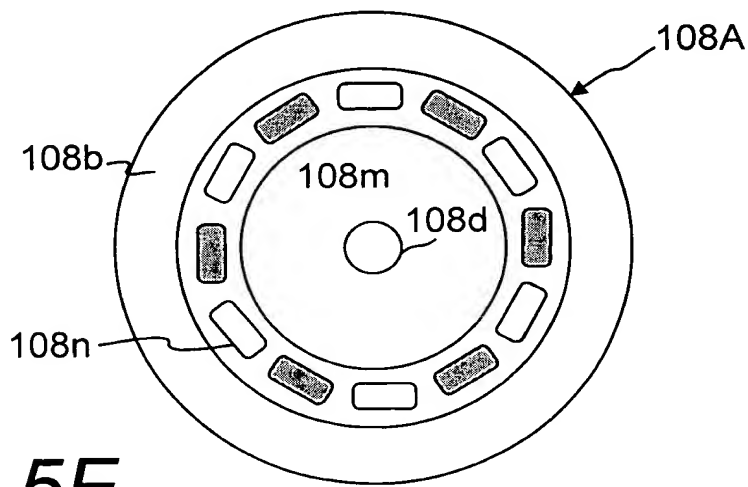
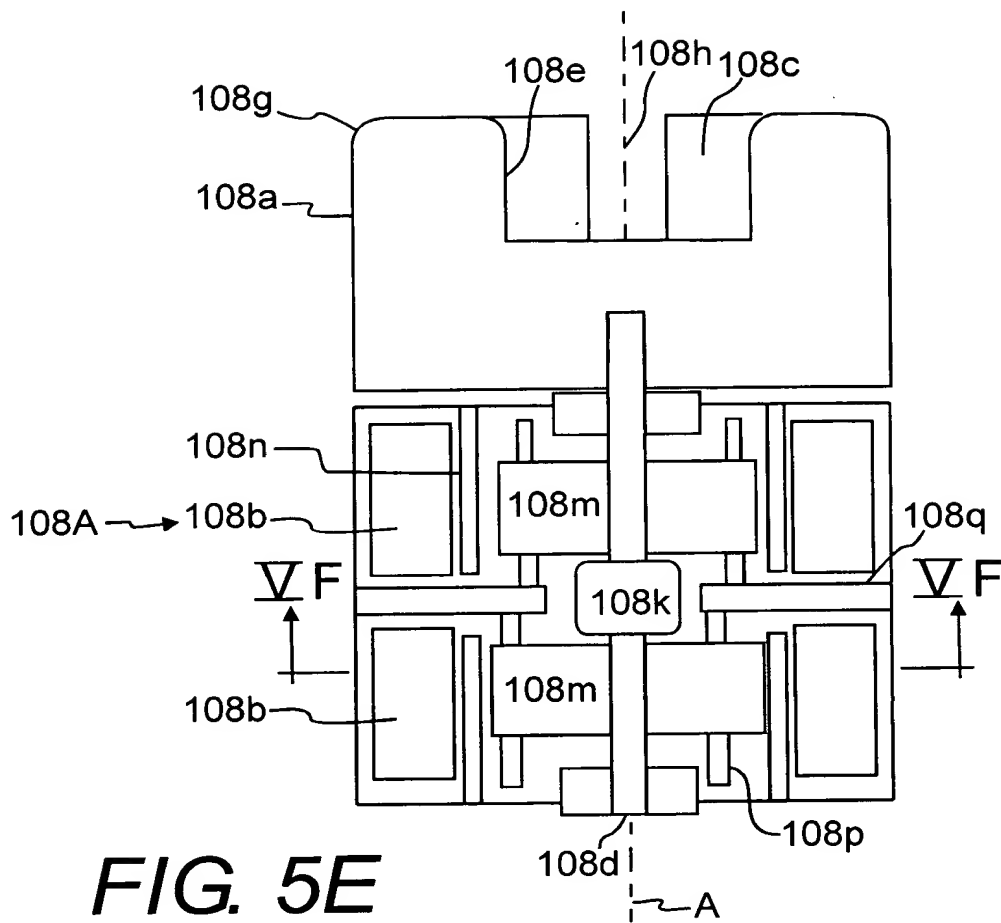


FIG. 5D



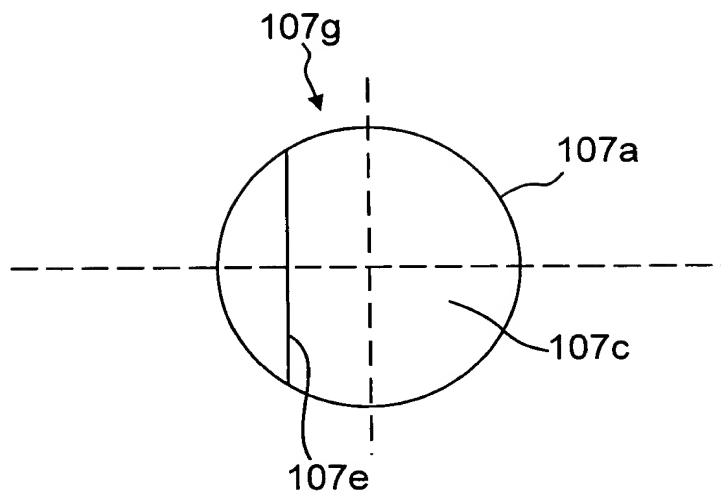


FIG. 6

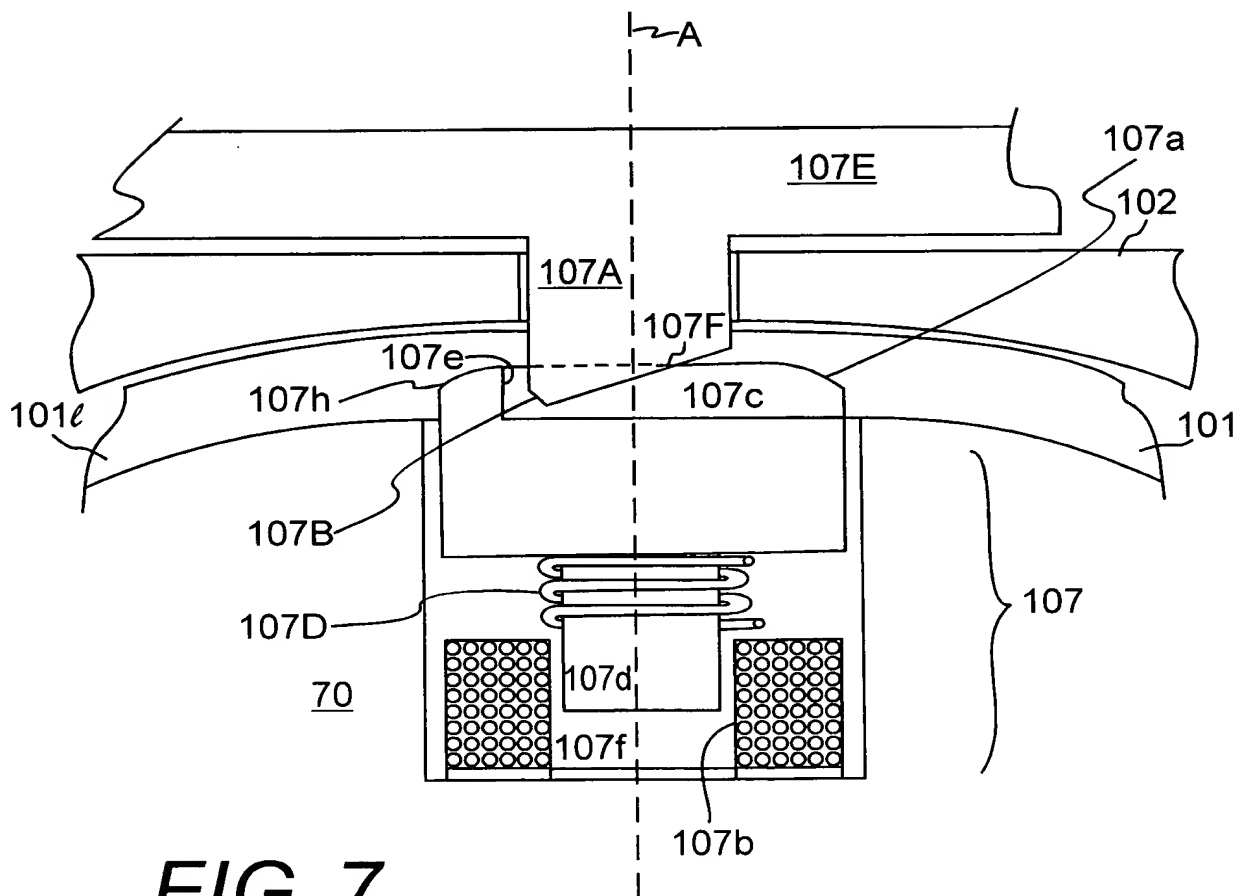


FIG. 7

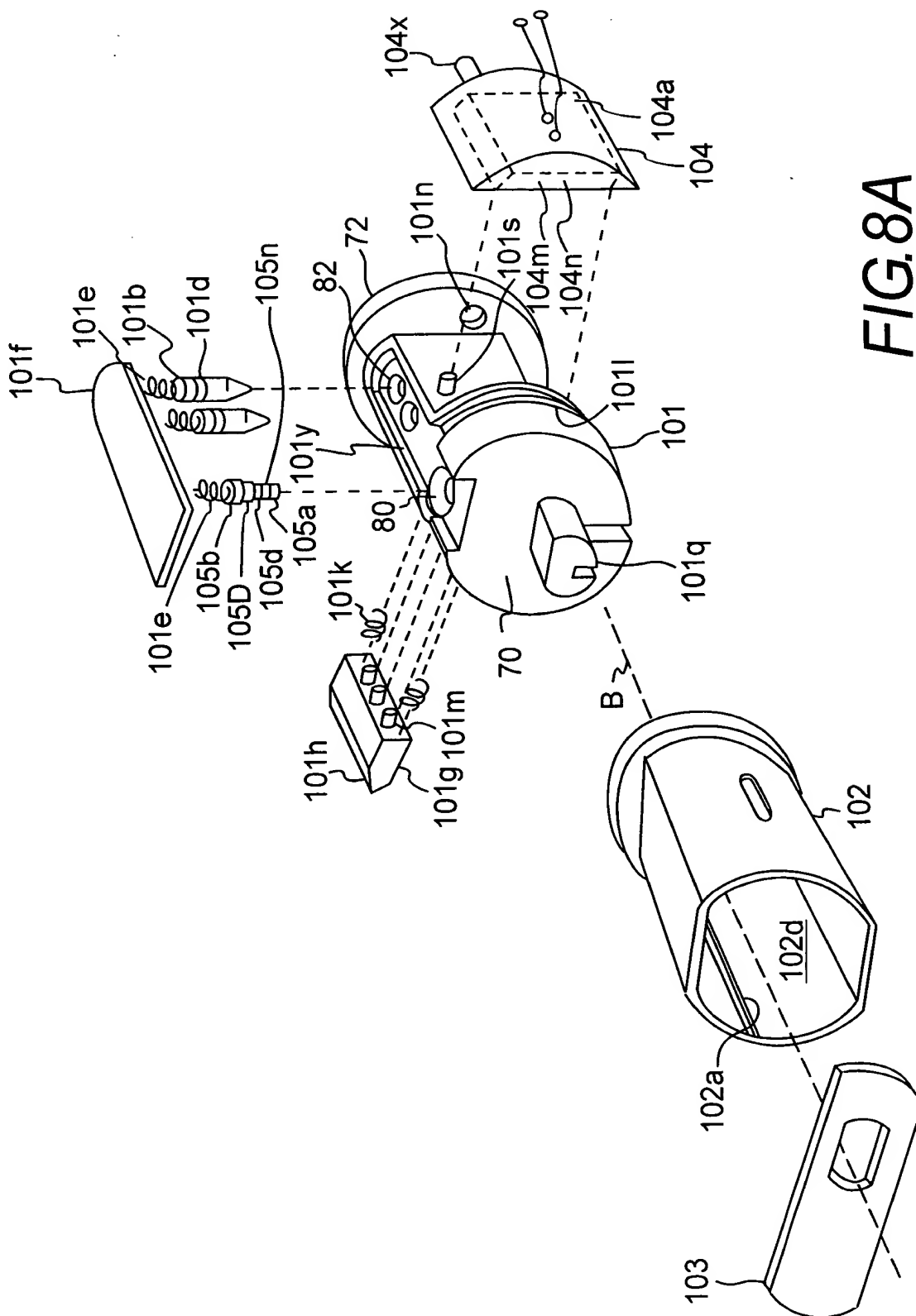


FIG. 8A

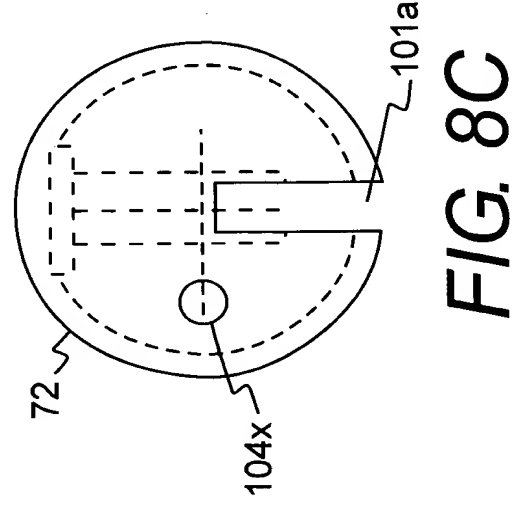


FIG. 8C

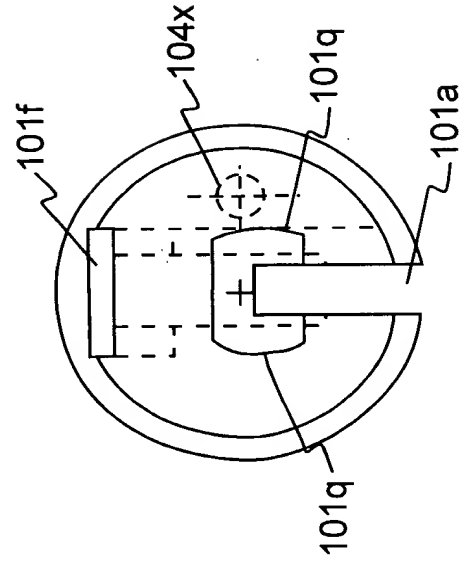


FIG. 8E

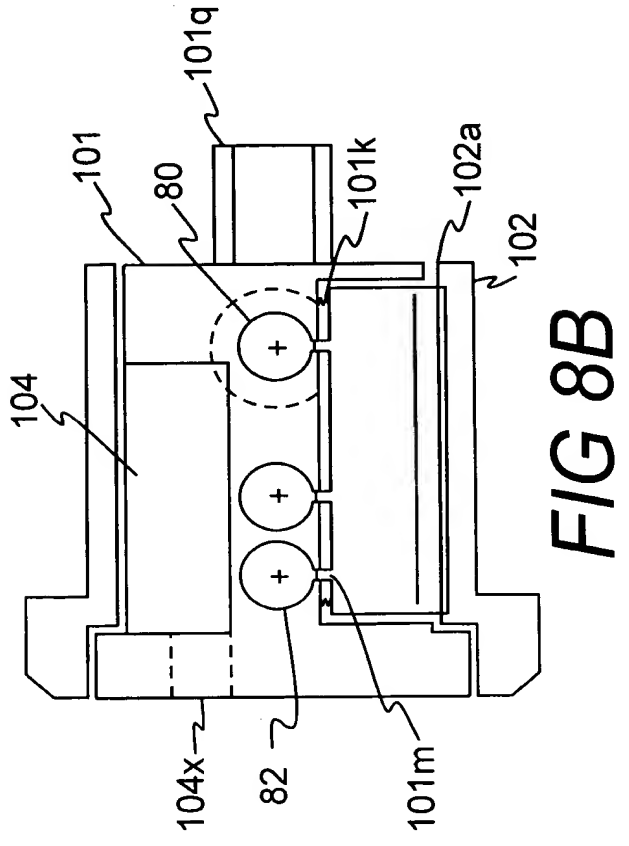


FIG. 8B

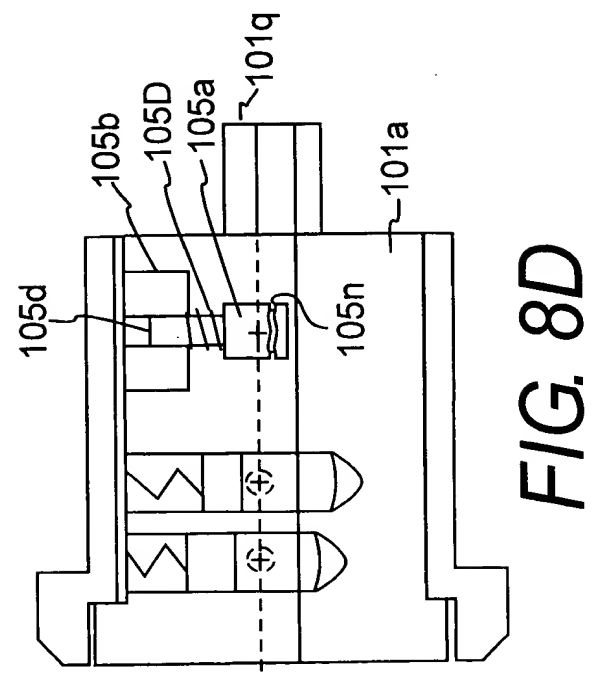


FIG. 8D

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BY	CLASS SUBCLASS
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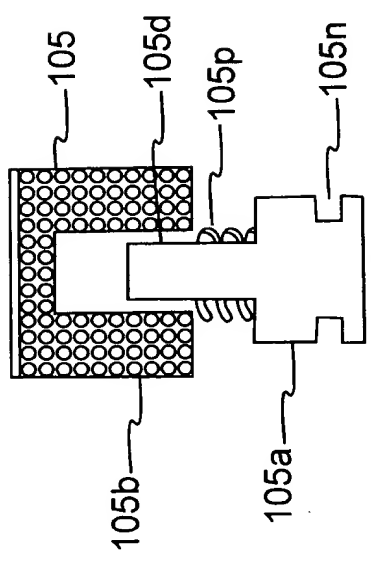


FIG. 8F

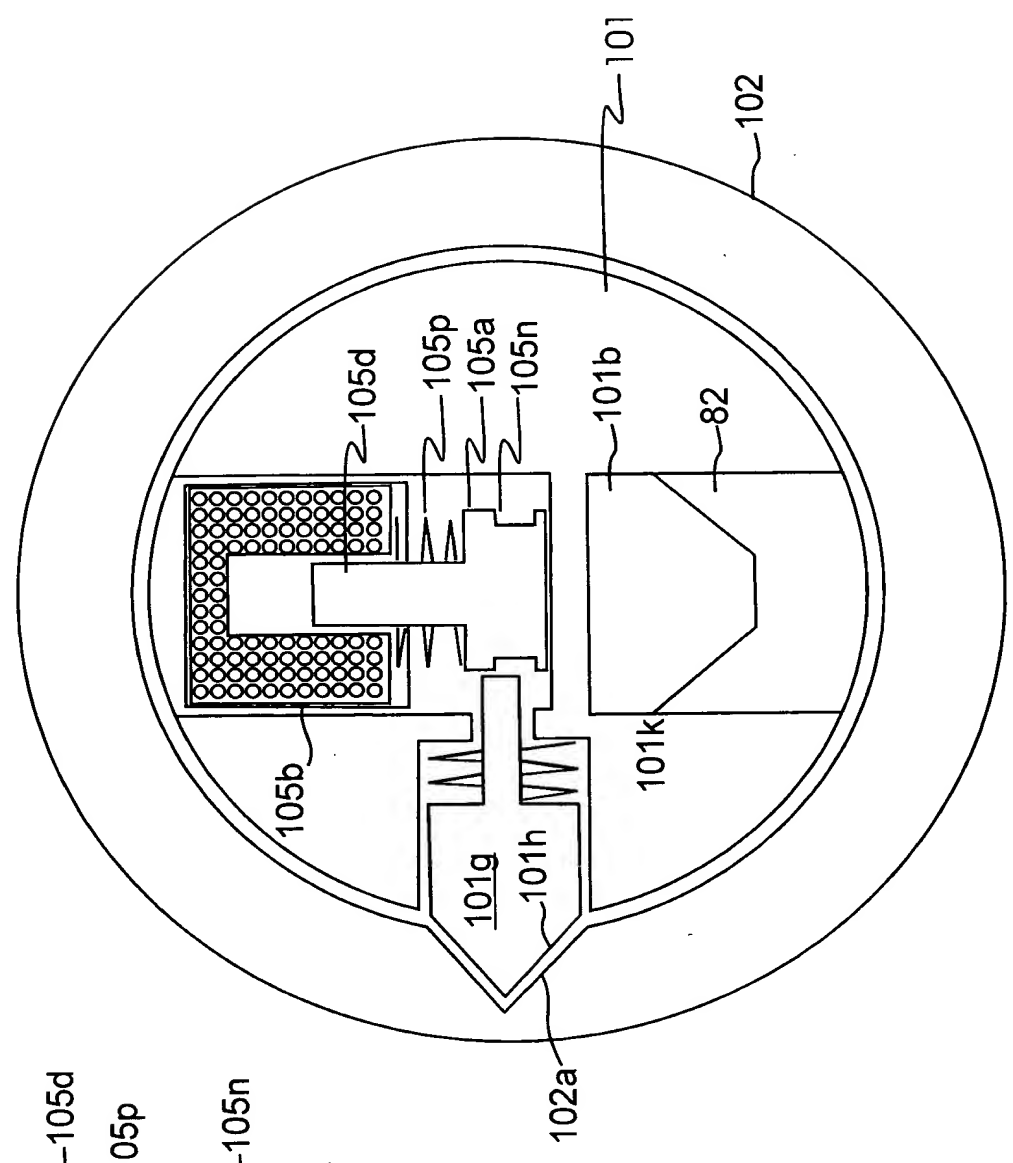


FIG. 8G

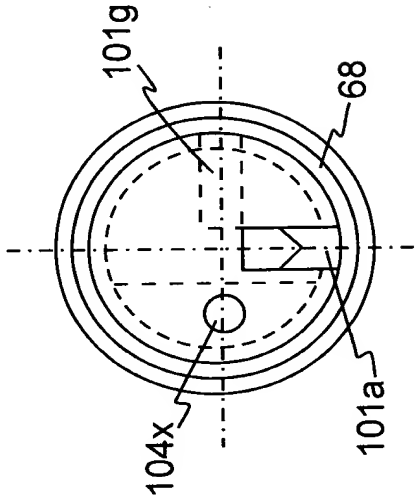


FIG. 10

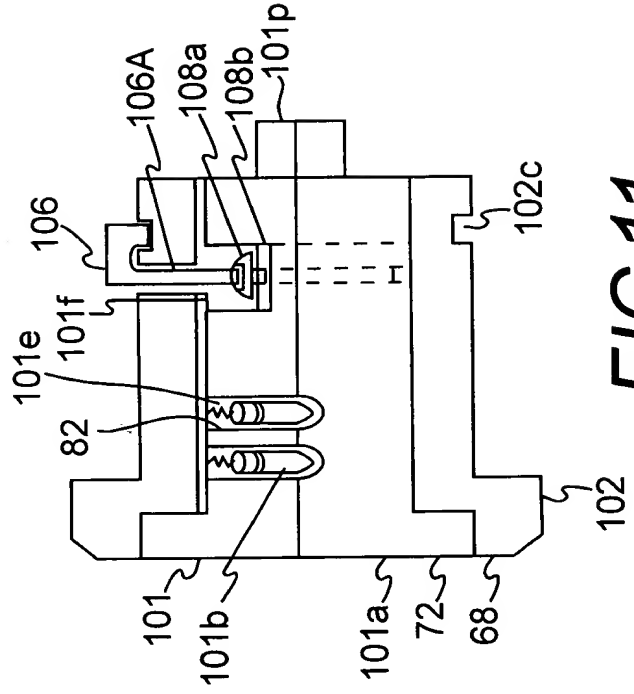


FIG. 11

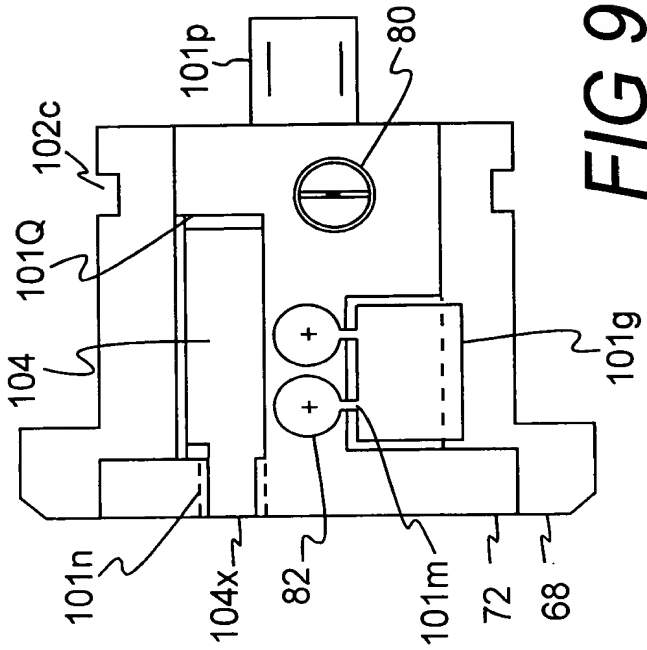


FIG. 9

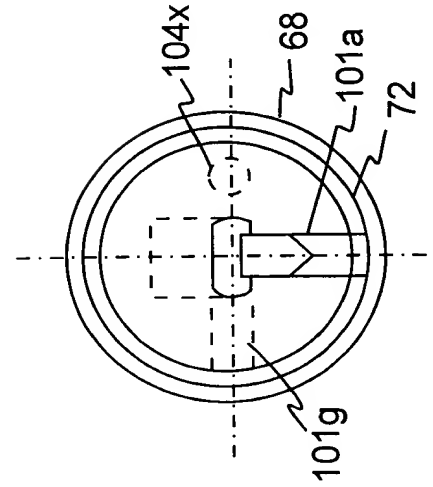
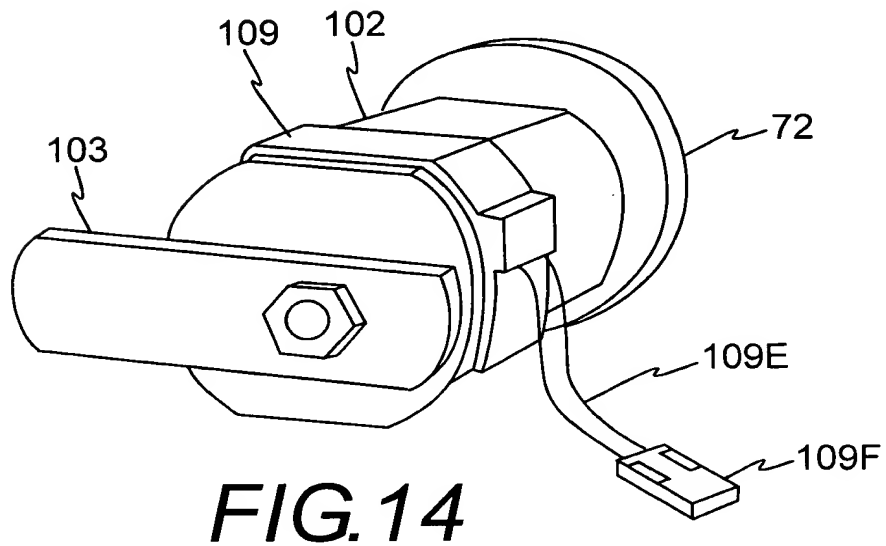
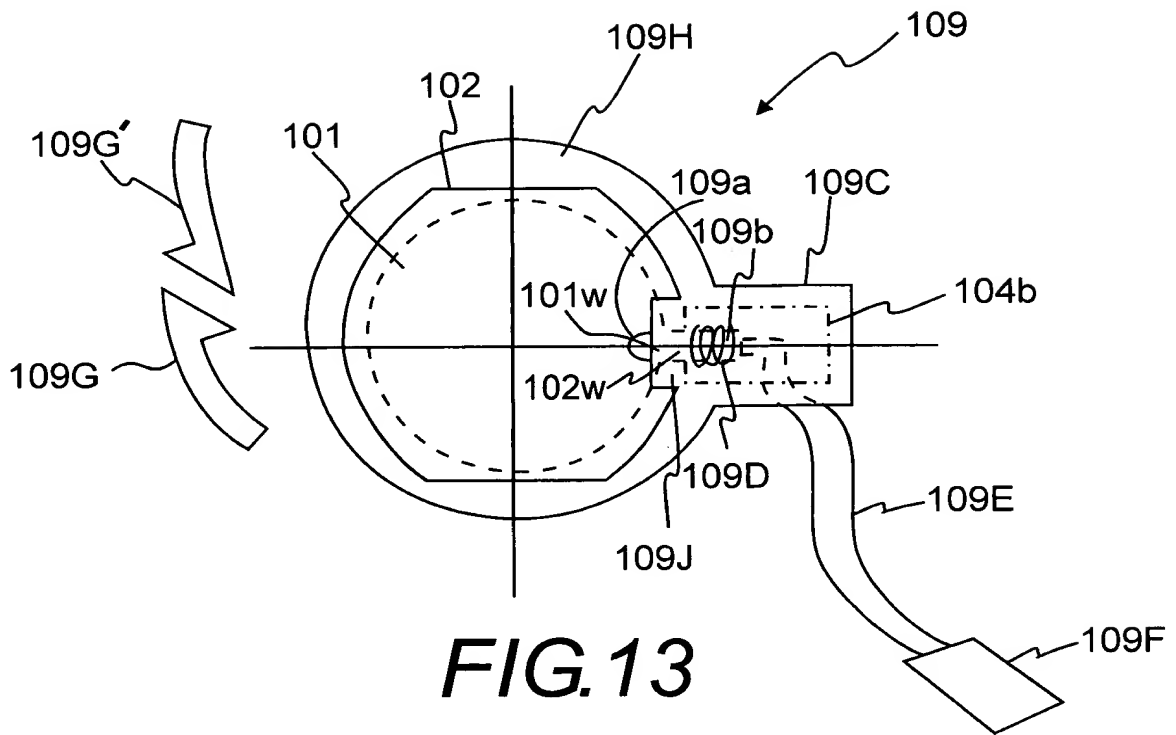
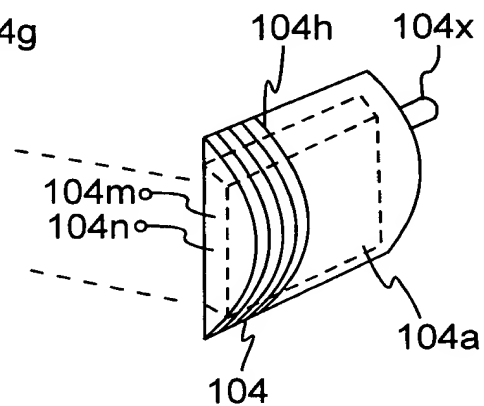
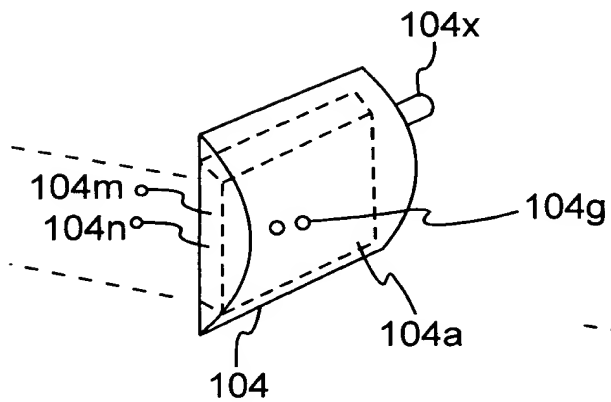
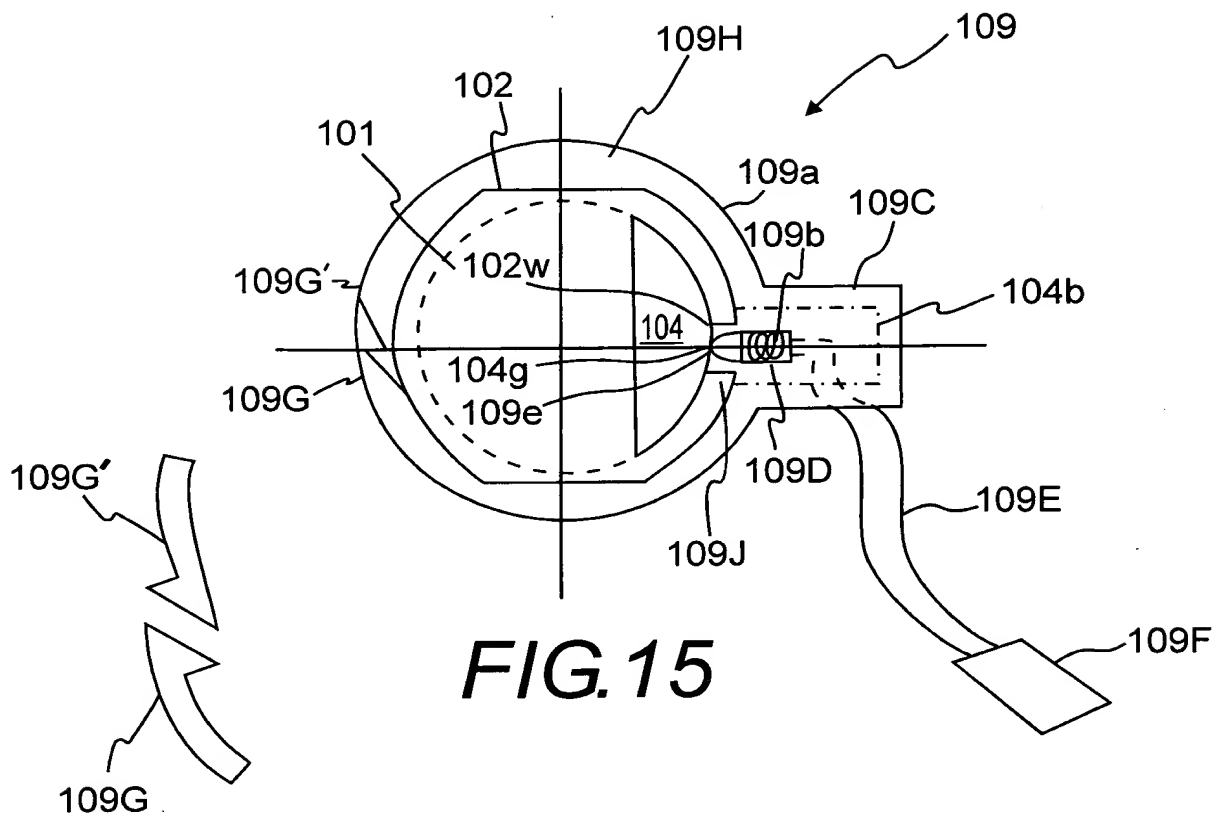
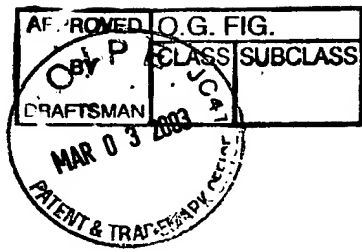


FIG. 12





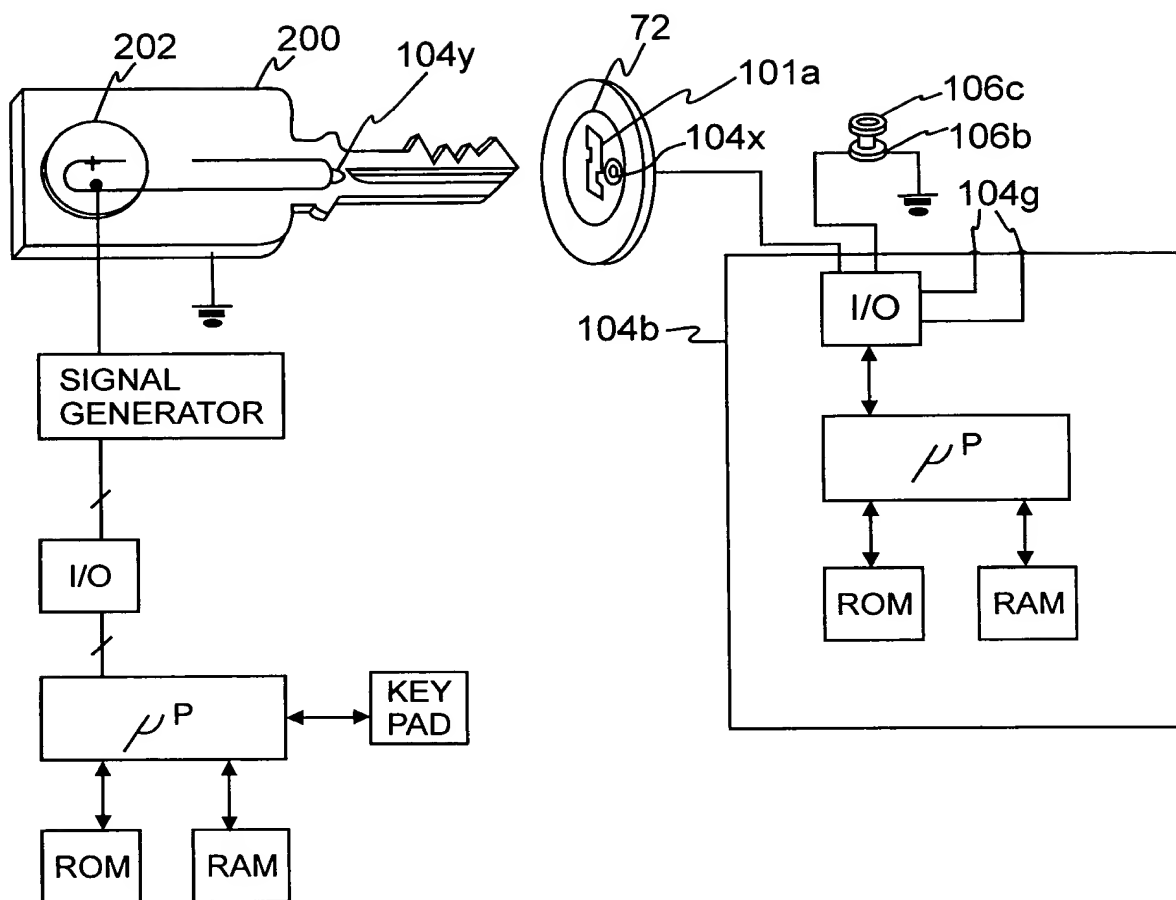


FIG. 18

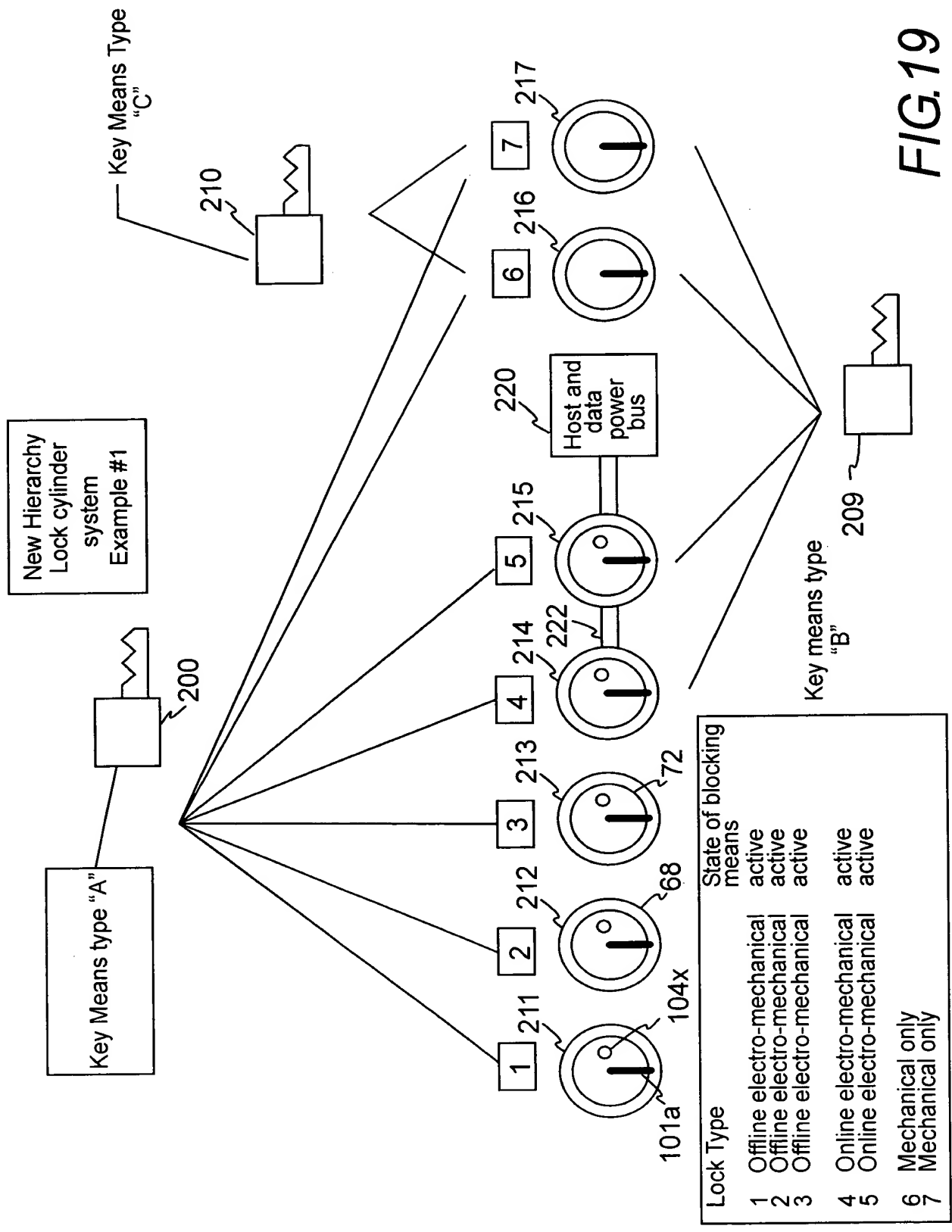
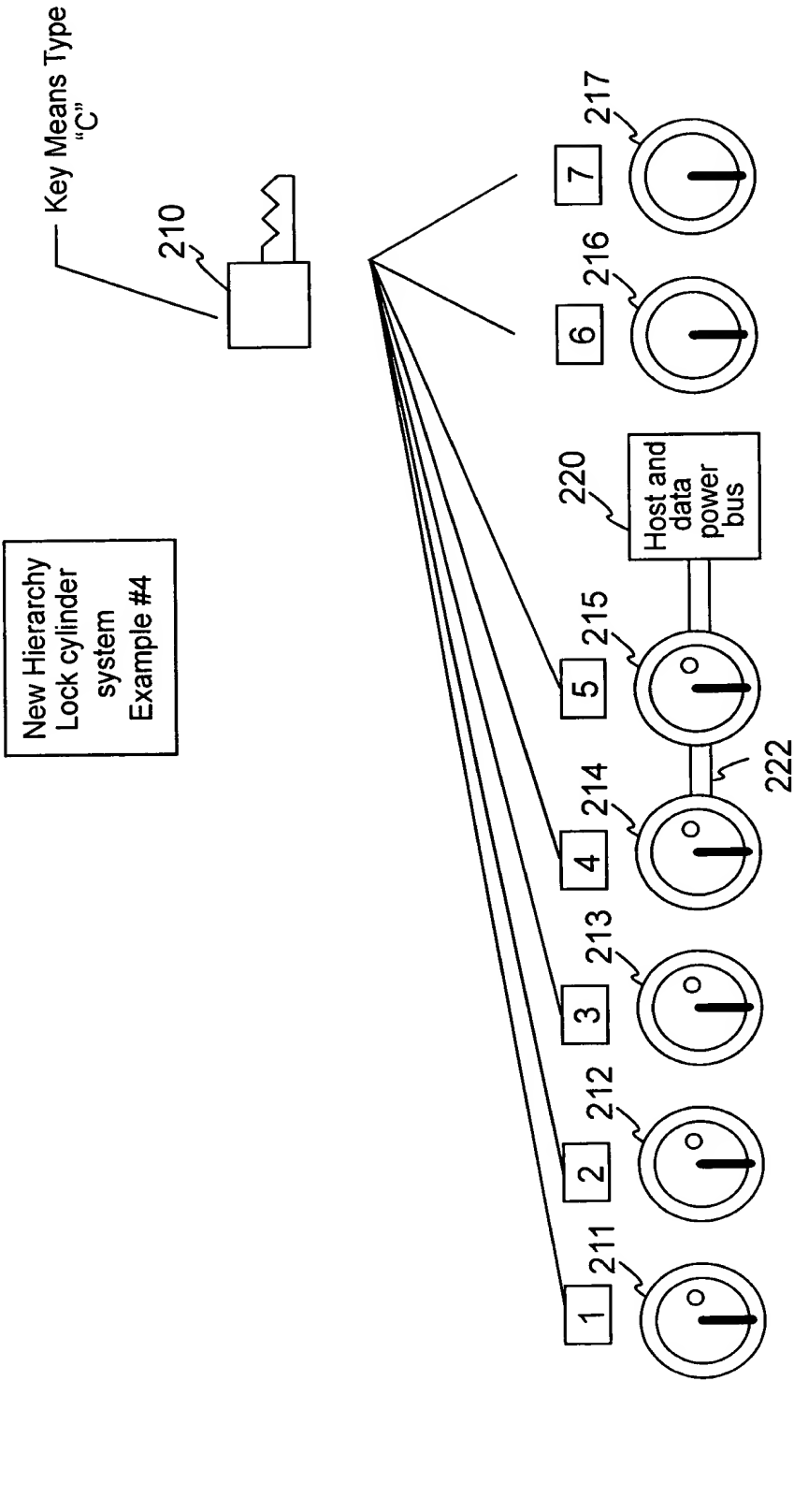


FIG.19





Lock Type	State of blocking means
1 Offline electro-mechanical	bypassed
2 Offline electro-mechanical	bypassed
3 Offline electro-mechanical	bypassed
4 Online electro-mechanical	bypassed
5 Online electro-mechanical	bypassed
6 Mechanical only	
7 Mechanical only	

FIG.21

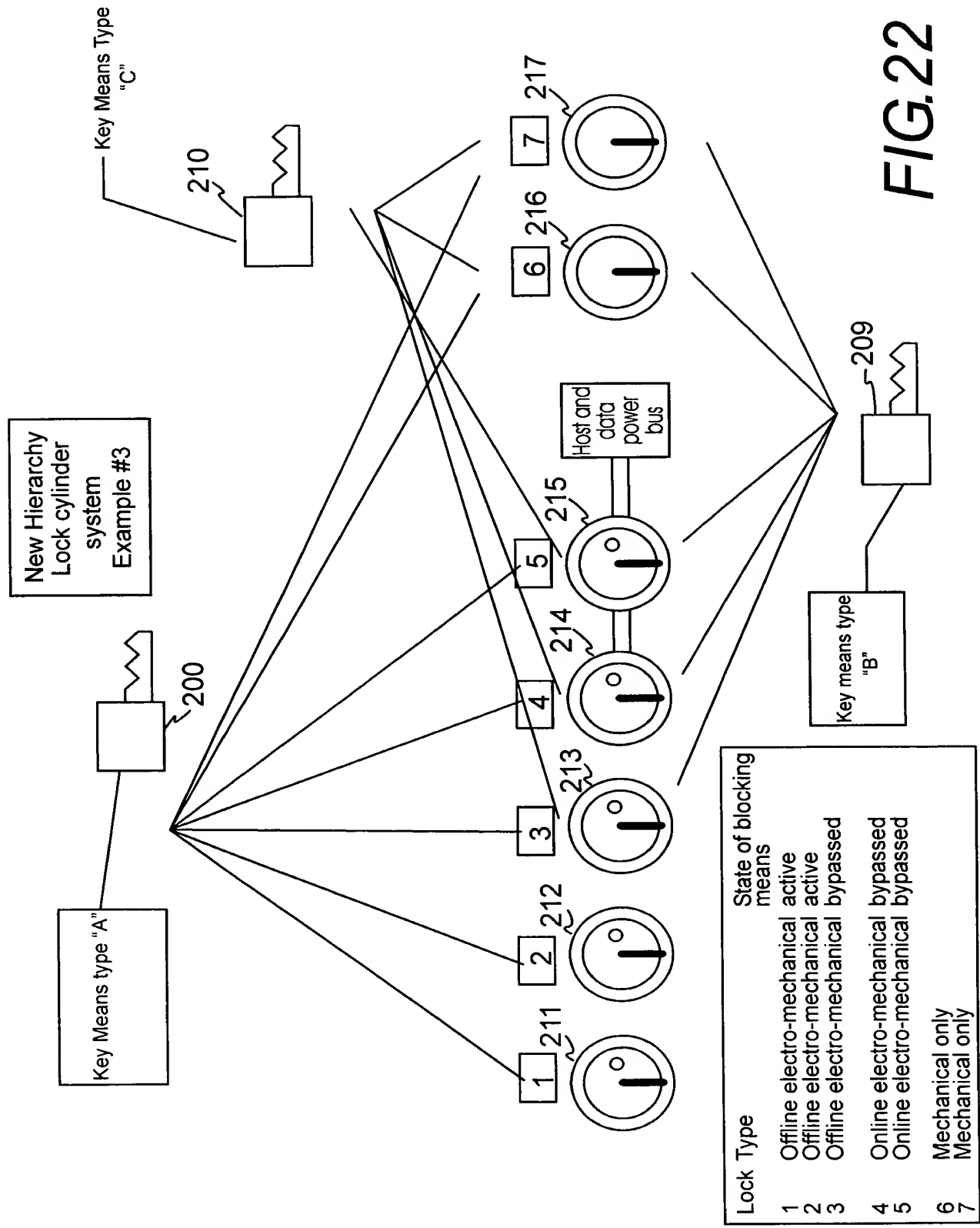


FIG.22